

CLAIMS

Amend the claims as follows.

1. (Currently Amended) A method for dynamic configuration of a mobile access point comprising:

determining a position of said mobile access point, wherein said mobile access point provides operable to provide a point of connection for wireless communications between a distributed computer network and a wireless client device;

identifying a region comprising based on said position of said mobile access point;

comparing said region with a previous position of said mobile access point to determine when if said mobile access point has been moved to said region from said previous position, wherein said previous position is associated with a different region;

automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information enables transmission of a wireless communication from said wireless client device to said mobile access point within said region, and wherein said configuration information is different than a previous configuration associated with said different region ~~previous position~~; and

routing data packets comprising said wireless communication, wherein said mobile access point routes said data packets between said wireless client device and said distributed computer network.

2. (Previously presented) The method as recited in Claim 1 wherein said mobile access point comprises a router.

3. (Currently Amended) The method as recited in Claim 1 wherein said mobile access point communicates by a wireless connection to said ~~[[a]]~~ distributed computer network in said region using Mobile Internet protocol (IP).

4. (Previously presented) The method as recited in Claim 1 wherein said mobile access point is configured to use an Open Systems Interconnection (OSI) network layer to route said data packets.

5. (Currently Amended) The method as recited in Claim 4 wherein said application is a transceiver providing communication over a said wireless connection.

6. (Previously Presented) The method as recited in Claim 5 wherein said configuration information comprises a radio frequency, a maximum conducted power output, or a maximum antenna gain.

7. (Original) The method as recited in Claim 1 wherein said determining said position is performed periodically according to a predetermined time period.

8. (Currently Amended) The method as recited in Claim 1 wherein said position of said mobile access point is determined by ~~determination system~~ is a global positioning system (GPS) system.

9. (Original) The method as recited in Claim 1 wherein said application operates at an application layer of a protocol stack of said mobile access point.

10. (Currently Amended) The method as recited in Claim 1 wherein said configuration information comprises transmission configuration data and a selected user interface language, and wherein said transmission configuration data and said selected user interface language are separately configurable for said region.

11. (Currently Amended) A mobile access point comprising:
a processor for updating configuration information in response to a geographic position of said mobile access point, wherein said configuration information includes an updated radio frequency for transmitting wireless communications between a ~~distributed~~ computer network and a wireless client device in communication with ~~for~~ said mobile access point ~~within a region~~;

a transceiver coupled to said processor, wherein said transceiver is associated with said configuration information and communicatively coupled to said a distributed computer network over a wireless connection, wherein said mobile access point is operable to provide a point of connection for wireless communications between said ~~distributed~~ computer network and said wireless client device over said wireless connection, and wherein said mobile access point is further operable to provide routing capability for routing data packets from said wireless client device to said computer distributed network;

a memory unit coupled to said processor, wherein said memory unit stores ~~comprising~~ said configuration information, and wherein said configuration information is associated with ~~said transceiver~~ for a plurality of regions; and

a position determination system coupled to said processor, wherein said position determination system is operable to identify ~~for identifying~~ said geographic region from said plurality of regions, and wherein said updated radio frequency is selected corresponding to said identified geographic position of said mobile access point.

12. (Previously presented) The mobile access point as recited in Claim 11 wherein said mobile access point comprises a router configured to route said data packets using an Open Systems Interconnection (OSI) network layer.

13. (Currently Amended) The mobile access point as recited in Claim 11 wherein said mobile access point is communicatively coupled to a said distributed computer network using Mobile Internet protocol (IP).

14. (Previously Presented) The mobile access point as recited in Claim 11 wherein said configuration information further comprises a maximum conducted power output, or a maximum antenna gain.

15. (Original) The mobile access point as recited in Claim 11 wherein said position determination system is operable to identify said geographic position periodically according to a predetermined time period.

16. (Original) The mobile access point as recited in Claim 11 wherein said memory unit further comprises second configuration information of an application for a second plurality of regions.

17. (Original) The mobile access point as recited in Claim 16 wherein said processor is operable to update said second configuration information in response to said geographic position.

18. (Currently Amended) The mobile access point as recited in Claim 11 wherein said processor is configured to compare said geographic region with a previous position of said mobile access point to determine when if said mobile access point has been moved to said geographic region.

19. (Previously Presented) The mobile access point as recited in Claim 18 wherein said configuration information is different than a previous configuration associated with said previous position.

20. (Currently Amended) The mobile access point as recited in Claim 11 wherein said configuration information comprises transmission configuration data and a selected user interface language, and wherein said transmission configuration data and said selected user interface language are separately configurable for said region.

21. (Currently Amended) A computer-readable medium having computer-readable program code embodied therein for causing a computer system to perform a method of dynamic configuration of a mobile access point, wherein said mobile access point is operable to provide a point of connection for wireless communications between a ~~distributed~~ computer network and a wireless client device, said method comprising:

determining a position of said mobile access point;

comparing said position ~~region~~ with a previous position of said mobile access point to determine when if said mobile access point has been moved ~~to said region~~;

identifying a region based on said position;

automatically updating configuration information associated with an application of said mobile access point based on said region, wherein said configuration information enables transmission of wireless communications from said wireless client device to said mobile access point within said region, and wherein said configuration information is different than a previous configuration associated with a previous region comprising said previous position; and

routing data packets comprising said wireless communications received by said mobile access point from said wireless client device, wherein said data packets are routed to said computer distributed network.

22. (Previously presented) The computer-readable medium as recited in Claim 21 wherein said mobile access point comprises a router.

23. (Original) The computer-readable medium as recited in Claim 21 wherein said mobile access point communicates by a wireless connection to a distributed computer network in said region using Mobile Internet protocol (IP).

24. (Previously presented) The computer-readable medium as recited in Claim 21 wherein said mobile access point operates at an Open Systems Interconnection (OSI) network layer to route said data packets.

25. (Original) The computer-readable medium as recited in Claim 24 wherein said application is a radio providing communication over said wireless connection.

26. (Previously Presented) The computer-readable medium as recited in Claim 25 wherein said configuration information comprises a radio frequency, a maximum conducted power output, or a maximum antenna gain.

27. (Original) The computer-readable medium as recited in Claim 21 wherein said determining said position is performed periodically according to a predetermined time period.

28. (Currently Amended) The computer-readable medium as recited in Claim 21, said method further comprising transmitting said wireless communications from said mobile access point to said ~~distributed~~ computer network.

29. (Original) The computer-readable medium as recited in Claim 21 wherein said application operates at an application layer of a protocol stack of said mobile access point.

30. (Previously Presented) The computer-readable medium as recited in Claim 21 wherein said configuration information comprises transmission configuration data and a selected user interface language, wherein said transmission configuration data and said selected user interface language are individually configured for said region.

31. (Currently Amended) A system for dynamic configuration of a mobile access point, wherein said mobile access point provides ~~operable to provide~~ a point of connection for wireless communications between a distributed computer network and a wireless client device, said system comprising:

means for determining a position of said mobile access point, wherein said position is associated with a region;

means for identifying a change in position of said mobile access point ~~region~~ based on said position; and

means for automatically updating configuration information associated with an application of said mobile access point based on said change in position ~~region~~, wherein said configuration information includes a selected radio frequency for transmitting a wireless communication from said wireless client device to said mobile access point within said region; and

means for routing data packets comprising said wireless communication received by said mobile access point from ~~between~~ said wireless client device, wherein said data packets are routed to ~~and~~ said distributed computer network.

32. (Previously presented) The system as recited in Claim 31 wherein said mobile access point comprises a router.

33. (Currently Amended) The system as recited in Claim 31 further comprising means for comparing said position region with a previous position of said mobile access point to determine if said mobile access point has been moved to said position region.

34. (Previously presented) The system as recited in Claim 31 wherein said mobile access point is configured to use an Open Systems Interconnection (OSI) network layer to route said data packets.

35. (Original) The system as recited in Claim 34 wherein said application is a transceiver providing communication over said wireless connection.

36. (Previously Presented) The system as recited in Claim 35 wherein said configuration information comprises a radio frequency, a maximum conducted power output, or a maximum antenna gain.

37. (Previously Presented) The system as recited in Claim 33 wherein said configuration information is different than a previous configuration associated with said previous position.

38. (Currently Amended) The system as recited in Claim 31 wherein said means for determining a position of said mobile access point comprises ~~determination system~~ is a global positioning system (GPS) system.

39. (Original) The system as recited in Claim 31 wherein said application operates at an application layer of a protocol stack of said mobile access point.

40. (Previously Presented) The system as recited in Claim 31 wherein said configuration information comprises transmission configuration data and a selected user interface language, wherein said transmission configuration data and said selected user interface language are individually configured for said region.